



forestry, fisheries & the environment

Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR EXCLUSION OF WASTE STREAM OR PORTION OF WASTE STREAM FROM THE DEFINITION OF WASTE IN TERMS OF GN 715 OF 18 JULY 2018.

	(For official use only)
File Reference Number:	12/9/11
NEAS Reference Number:	
Date Received:	

Application for exclusion of waste stream or portion of waste stream in terms of the National Environmental Management: Waste Act, 2008(Act No.59 of 2008), as amended.

Kindly note that:

1. This application form is current as of 18 July 2018. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
2. The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
3. Where applicable **black out** the boxes that are not applicable in the form.
4. Incomplete applications may be returned to the applicant for revision.
5. The use of the phrase "not applicable" in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the refusal of the application as provided for in the Regulations.
6. This application must be handed in at the offices of the relevant competent authority as determined by the Act and regulations.
7. Unless protected by law, all information filled in on this application will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this application on request, during any stage of the application process.

Queries must be addressed to the contact hereunder:

Departmental Details

Postal address:

Department of Environment, Forestry and Fisheries
Attention: Director: Licensing
Private Bag X447
Pretoria
0001

Physical address:

Department of Environment, Forestry and Fisheries
Environment House (473 Steve Biko Rd, corner Steve Biko and
Soutpansberg Rds)
Arcadia X6
PRETORIA
0002

Application queries should be directed to the Directorate: Licensing on:

Tel: 012 3999 791

Email: Lmahlangu@environment.gov.za

COMMENCEMENT: Has the activity (ies) commenced: Yes or No

If yes, When (provide the Year, Month and Date):

2020	08	26
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WASTE STREAM/PORION OF WASTE STREAM

Biomass

1. Recovery of biomass forestry by-products (tree tops, branches and stumps):currently in place.
2. To be implemented after discussion with role players
 - a. eThekwini Alien vegetation control program and tree felling activities by eThekwini residents.

BENEFICIAL USE

Fuel Feedstock in Multi Fuel Boiler (MFB) for energy (heat and electricity) generation to substitute coal and reduce fossil fuel usage

SITE GPS CO-ORDINATES

Please provide the geographic co-ordinates of **all corners** of the waste generating site; in degrees, decimal minutes, and seconds for all sites (Indicate the position of the activity using the latitude and longitude of the centre point of the site for each alternative site). Provide geographic coordinates for all corners of the facility (ies) **ONLY THE FORMAT PRESCRIBED** (e.g. 60° 29' 30" Latitude; 34° 20' 15" Longitude)

CORNER	LATITUDE			LONGITUDE		
	°	'	"	°	'	"
North East	29°	57'	26.62"	30°	57'	57.47"
South East	29°	57'	33.35"	30°	58'	15.59"
South West	29°	57'	46.50"	30°	58'	12.70"
North West	29°	57'	33.15"	30°	57'	51.51"

1. BACKGROUND INFORMATION

Applicant:	Mondi South Africa (Pty) Ltd – Merebank mill		
Trading name (if any):	Mondi Merebank		
Contact person:	Rafiq Gafoor		
Physical address:	Travancore Drive Merebank, 4052		
Postal address:	P.O. Box 31024 Merebank		
Postal code:	4059		
Telephone:	+ 27 (0) 31 451 2319 + 27 (0) 31 461 2115	Cell:	+27 (0) 82 804 9203
E-mail:	rafiq.gafoor@mondigroup.com	Fax:	
SAWIS registration number:			
Nearest town or districts:	eThekweni Municipality		

2. DETAILED DESCRIPTION OF WASTE GENERATING PROCESS (Attach supporting illustrations)

Supporting documents attached?	Yes	No
Production Process Flow Chart	✓	
Waste Classification - Refer to attached Annexure B	✓	
Chemical and technical specification ¹ (pre-beneficiation)	✓	

¹ Chemical and technical specifications must include the following:

- Leaching potential
- Long term stability and functionality
- Reactivity with environmental factors
- Storage requirements (to be included in the Risk Assessment and Risk Management Plan)

Chemical and technical specification (post beneficiation)	✓	
Risk Assessment Report	-	
Risk Management Plan	-	

3. DECLARATIONS

3.1 The Applicant

I, Donovan Naidoo declare that I -

- am, or represent², the applicant in this application;
- will provide the Minister with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred, in respect of the undertaking of any process required in terms of the Regulations; and
- hereby indemnify the Government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant is responsible for in terms of these Regulations;
- will perform all other obligations as expected from an applicant in terms of the Regulations;
- all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 14(1) of these regulations and is punishable in terms of regulation 14(2) of these Regulations.



Signature of the applicant³/ Signature on behalf of the applicant:

Mondi Merebank

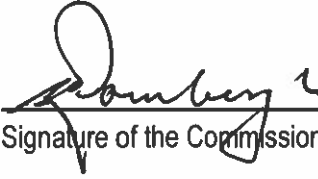
Name of company (if applicable):

28/03/2023

Date

² If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

³ If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority.

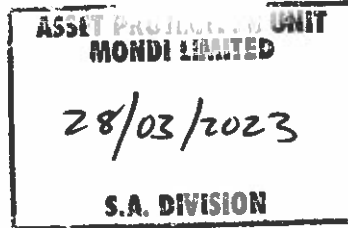

Signature of the Commissioner of Oaths:

JOHANNES LOURENS VAN ROMBURGH
Name of the Commissioner of Oaths:

28/03/2023
Date:

Designation: Commissioner of Oaths: Republic of South Africa
Full Name: Johannes Lourens van Romburgh
Designation: Asset Protection Officer, Mondi Limited (S.A.)
Address: Travancore Drive, Merebank, Durban
Area: Country Wide
Appointment: Department of Justice and Constitutional Development,
Appointment Number 9/18/2 dated 21 October 2008
Durban

Official Stamp:



Annexure A

Process flow Diagram

Annexure B

Waste Classification Report - not required. Safety data Sheets for Bark and Sawdust included

1. Waste stream to be beneficiated:

Biomass – Forestry by-products (tree tops and branches), sawdust shavings, offcuts, crates, pallets and wood packaging.

2. Proposed Beneficial Use/s:

Fuel Feedstock in multifuel boiler for energy (heat and electricity) generation

3. Proposed use of Biomass: Combustion : Refer to process flow diagram

MULTI FUEL BOILER (MFB).

Steam generation using a Babcock Multi Fuel Boiler (MFB): The MFB is designed to utilize Mondri's residual process material (RPM) namely bark, sawdust, sludge, boiler ash and recovered biomass from forest along with coal, to produce 90 tons/hour of steam.

The MFB consists of a multi-fuel fluidized sand bed boiler coupled to a backpressure turbine. The existing coal boilers and the MFB supply the turbine unit up to 150 tons/hour of high-pressure steam to maximise the turbine's output. The MFB will then supply the mill with electrical energy and low-pressure process steam.

In order to ensure the efficiency of the MFB under proposed operating conditions, bag filters have been installed of sufficient size to maximise the filter cloth area to guarantee that dust emission level remain within limits for particulate emission when operating at rated conditions.

The minimum temperature of the flue gas entering the bag filter will be at least 20 °C above the acid dew point of the flue gas. To limit the gas temperature entering the filter

compartment to an operating maximum of 190°C, a modulating air bleed inlet damper will be installed.

The fluidised bed boiler system provides for in-situ SO₂ emission control, SO₂ gases are treated by injection of limestone into the MFB furnace and further treatment can be provided by injection of lime before the bag filter plant if necessary

4. In terms of the National Environmental Management: Waste Act, 2008 (Act 59 of 2008): Waste Classification and Management Regulations

The waste stream specified in item **2 (a) General Waste (iv) Garden waste** of **Annexure 1: Wastes that do not Require Classification or Assessment** in terms of regulation 4 (1), no assessments in terms of regulation 8 (1) (a).

5. Waste Classification and Waste Assessment Report:

Based on the above the biomass waste: forestry by-products Wastes that do not require Classification or Assessment.

6. Risk Assessment Report and

7. Risk Management Plan.



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**RISK ASSESSMENT IN TERMS OF REGULATION 8 OF THE WASTE
EXCLUSION REGULATIONS**

	(For official use only)
File Reference Number:	12/9/11
NEAS Reference Number:	
Date Received:	

Risk Assessment for an application for exclusion of Waste stream or portion of Waste stream in terms of the National Environmental Management: Waste Act, 2008(Act No.59 of 2008), as amended.

Kindly note that:

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BACKGROUND INFORMATION	
APPLICANT	Mondi South Africa (Pty) Ltd – Merebank mill
CONTACT PERSON	Environmental Manager
NAME	Rafiq Gafoor
ADDRESS	P.O. Box 31024 Merebank,4059, South Africa www.mondigroup.com
E-MAIL ADDRESS	E-mail: rafiq.gafoor@mondigroup.com
TELEPHONE	+ 27 (0) 31 451 2319 + 27 (0) 31 461 2115
CELL PHONE	+27 (0) 82 804 9203

WASTE GENERATING FACILITY OR FACILITIES						
PHYSICAL ADDRESS OF FACILITY OR FACILITIES	Travancore Drive Merebank, 4052					
GPS CO-ORDINATES AT CORNERS OF WASTE GENERATING FACILITY OR FACILITIES	LATITUDE			LONGITUDE		
	29 ⁰	57'	35.8" S	30 ⁰	58'	14.6" E
	29 ⁰	57'	42.1" S	30 ⁰	58'	11.8" E
	29 ⁰	57'	33.1" S	30 ⁰	57'	51.02" E
GPS CO-ORDINATES AT CORNERS OF WASTE GENERATING FACILITY OR FACILITIES	29 ⁰	57'	25.5" S	30 ⁰	57'	56.9" E
	1. Recovery of biomass forestry by-products (tree tops, branches and stumps):currently in place. 2. To be implemented after discussion with role players <ol style="list-style-type: none"> eThekwini Alien vegetation control program and tree felling activities by eThekwini residents. Wood waste (offcuts from timber industry, wood waste from other industry). 					
WASTE STREAM OR PORTION OF A WASTE STREAM TO BE EXCLUDED FROM THE DEFINITION OF WASTE						
BENEFICIAL USE/S	Fuel Feedstock in multifuel boiler for energy (heat and electricity) generation to reduce coal usage and substitute fossil fuel					

WASTE GENERATING PROCESS	
DETAILED DESCRIPTION OF WASTE GENERATING PROCESS ¹	Refer to process flow diagram

¹ A process flow chart must be attached with this form for the process description

PRODUCTION PROCESS FLOW CHART ATTACHED	YES	NO
WASTE CLASSIFICATION	HAZARDOUS	GENERAL X
IF HAZARDOUS LIST THE HAZARDS OF THE WASTE		